TOTAL ECLIPSE OF THE SUN.

Rare Spectacular Celestial Phenomenon-

TO OCCUR ON THE 28TH INST.

The Path and Duration of Totality-Where Observations Will be Made by Scientists.

wishington, D. C., Special.-The forthcoming total eclipse of the sun on May 28, is attracting world-wide attention, and astronomers everywhere have long been making preparations for observing and photographing the phenomenon. Besides making the usuai time observations, interest largely centers in photographing the corona, the coronal streamers, the spectra of the chromosphere, and particularly the celebrated flash spectrum appearing both at beginning and end of totality. Fortunately it will be posible to witness the phenomenon from many sections of the United States.

The Johns Hopkins University expe ditions to observe the solar eclipse will work in unison with the United States Naval Observatory and under the supervision of the latter. The observatories of the Naval Observatory will be divided among five parties. At Pinehurst, N. C., there will be four astronomers from Washington, under the direction of Professor Skinner; the Johns Hopkins party from the Coast and Goedetic Survey, under Professor G. A. Bauer. At Griffin, Ga., there will be one Naval Obsjervatory party, consisting of Dr. L. S. Mitchell, of Columbia University; Professor Henry Crew and Dr. Tatall, of the Northwestern University of Virginia, and L. E. Jewell, of the Johns Hopkins University; Professor S. J. Brown, Astronomical Director of the Navai Observatory, will conduct observations at Barnesville. Ga. The colleges and universities of the country will be well represented. Expeditions will be dispatched by Harvard, Yale, Columbia, Princeton, the University of Pennsylvania, the University of Virginia, the University of Chicago, etc.

On May 28 the circular shadow of the moon cast by the sun upon the earth, and about eighty miles in diameter, will come sweeping across the American continent from New Orleans to Cape Henry. Along the centre of the path traveled by this swiftly moving shadow the sun will be completely hidden for a period of about two minutes. More than forty miles away, on either side of the track the eclipse will be partial, not total.

ible can occur only when the moon is new. At that time she passes exactly between the earth and the sun. According to the calculations of Professor Lumslen, the round black shadow in out of space some time after sunrise on the morning of May 28. This gigantic arm will come into contact with the earth somewhere near the Revilla Gigedo islands in the Pacific ocean. With tremendous velocity the shadow will rush toward the mainland and will enter Mexico, near Corrientes, at a speed of more than 100 miles a minute. In eight minutes it will have crossed the Rocky Mountains, and by 7:30 central or 8:30 eastern time it will have crossed the Gulf and entered Mexico. Then on it will pass, over its selected path, until it is lost again in

The period of totality of the eclipse varies at different points along the track. At the Rocky Mountains the spectacle will last but about thirty secends, and at New Orleans the period will have been lengthened thirty-seven seconds. At Union Point, Green county. Ga. the centre of the path for the United States, the time of tality will be niney-two seconds, while those who are at the Atlantic coast, just south of the city of Norfolk, will be able to continue their observations for 105 seconds.

Aguinaldo Heard From.

Manila, by Cable,-A proclamation purporting to have been issued by Aguinaldo, and dated May 14, from Polillo Island, one of the Philippine group east of Luzon, is circulating in Manila, It says the commission appointed by President McKinley was appointed without the authorization of Congress and that hence it can not treat officially It urges the Filipinos not to surrender their arms at the instigation of the commission, and on promises which Congress may not ratify, and he also the Filipinos to enthusiastically welcome the commission when it arrives in the towns and provinces, asking them boldly for the form of government they most desire, as the Americans permit freedom of speech

Rev. Robert Wood Barnwell, Selma, Ala., was elected Bishop Coadjutor by the Episcopal Council at Mo-

PENSIONS FOR PATRIOTS

The Amount to be Received by the

Different Classes.

Twelve dollars and thirty cents is the allowance of seven thousand and fiftyone pensioners of the State of South Carolina. This is the allowance not its thirty-ninth annual session in the for a month, but for twelve months. Central Presbyterian church, of this It is what the State allows its pen- city, met for the first business session sioners, soldiers of the Lost Cause, who Friday. The attendance was larger are more than 60 years of age and who than Thursday, and an active interest have not more than \$100 a year income, or widows of old soldiers who only by the 200 commissioners, but a may be similarly circumstanced. Old large number of visiting members and soldiers who were wounded and who have an income not in excess of \$250 a year are in the same class. Then there is another class known as Class B, which numbers 362 and these are each to get \$16.40 for the year. Class A, which is made up of those totally helpless, receive \$72 a year and it numbers forty-eight.

ed by the State of South Carolina for the Moderator. The personnel of the its indigent Confederate pensioners is committees is considered very important, as much of the work of the State to do for its soldiers, according to the views of he economic members of the General Assembly, but it shows how little there is in the pensions for each of the poor soldiers and widows who bama, Byron Clark, Geo. Stevenson; feel constrained to apply to the State for which they fought. It is a charity which is not asked for by all who deserve it. For many years the old soldiers felt a delicacy about asking for Reynolds; Kentucky, J. B. swann, J. the pension the State offered. Now that M. C. Moore; Memphis, R. A. Brown, delicacy is passing away to a certain extent and the pension lists this year A. E. Dimmock; Mississippi, V. R. are six hundred larger than they were Gaston, G. W. Taylor; Missouri, T.

North Carolina line. It is a hard matter to confine the lists to those who are striitly entitled H. L. Money; Texas, J. S. Anderson, to the benefits of he pension appropriation. The county boards, made up of Wade, D. M. Killam. old soldiers, have to be relied upon to a large extent, in fact practically entirely. If frauds creep in it cannot be the fault of the State board, as the greatest publicity is given to the lists that are approved and circumstances show that most of the counties are extremely rigid in their regulations and examinations.

The checks for the pension money were made out Friday. The rolls for Chesterfield and Florence County are net exactly straightened out and information has been solicited on them; and no roll or return has even yet been received from Charleston. board estimated the Charleston list to be about the same as it was last year, but, of course, can send no money to

Winthrop Commencement.

Following is the programme of the ommencement exercises of Winthrop College: On Friday evening, June 1, the Winthrop Chapter, United Daughters of the Confederacy, will hold a be an important one, many overtures regular meeting. An interesting programme has been arranged, but by far the most enjoyable feature will be the An eclipse of the sun that will be vis-le can occur only when the moon is Bonham, of Anderson. On Sunday strongly protesting against a change morning the sermon before the Y. M. this year, it being claimed that the ex-C. A. will be preached and on Sunday evening the baccalaureate sermon will delivered by Bisho Duncan, of the Methodist Church, Monday evening the literary societies will hold their joint elebration; Tuesday morning is to be devoted to the annual concert and reception. The alumnae meeting comes Wednesday morning and on Wednesday evening the culmination of it all, the address before the graduating class by Mr. J. C. Hemphill, of Charleston, and the awarding of diplomas and certificates.

A Progressive Daily.

The Columbia State is just now showing commendable enterprise in its date last year. The total movement news service, which is full and com- for the 260 days from September 1 to plete in every detail. Its editorial utterances are always vigorous and locid. and while one may differ ever so widely from its opinions on matters con-cerning the general welfare of the State and nation, we are bound at all imes to respect its utterances for their candor and fairness. The State is a truly great paper, always alive and progressive, and is doing much to advance South Carolina's industrial and other interests.

Wants Assistance.

Washington, D. C., Special .- In accordance with the request of Attorney General Griggs, the judiciary committee of the House of Representatives considered means of dealing with the at the Washington and Compton Ave Neely case and like offenses arising in Cuba. The need of action was explained by the attorney general in a letter to Chairman Ray of the committee.

Strikers Grow Desperate. St. Louis, Special.-With the suspension of negotiations the strikers and their sympathizers are growing destheir sympathizers are growing des-Up to the present time the shotting has been done by the Transit employes or officers, but the strikers took a hand in this game today. A motorman on the Lucisde Avenue line, named J. R. Richardson, was shot in himself, the head between Grand and Theresa Dr. Jo avenues, dragged from his car and brutally beaten. A special officer on the same car was disarmed and beaten into Bromen. insensibility. Patrolman Barton was shot in the back of the head while acting as a guard on Jefferson avenue car, , an air gun being employed

SOUTHERN PRESBYTERIANS.

Much Interest Being Manifested in Their Meeting.

Atlanta, Ga., Special.-The commissioners to the Southern Presbyterian General Assembly, which is holding was shown in all the proceedings, not laymen of the Presbyterian Church, and many resident Presbyterians. The of routine business was begun. Stated Clerk Alexander read the committee This is how the \$100,000 appropriat- report, which had been appointed by portant, as much of the work of the Assembly will be directed by them, The committees on records for each Arkansas, W. T. Walter, J. M. Carothers; Florida, R. A. Hardin, P. Melast year. The increases and the D. Latimer, D. McCarr; Nashville, strength of the lists are largely noticeable in the border counties on the North Carolina, Dugald Monroe, George Hartfield; South Carolina, J. F. Lloyd,

> Interest was intense as the stated proper committees and constitute the work which will come before the Assembly.

> The Presbytery of Suwanee, Fla., protested against the "spectacular and theatrical features" of children wearing fancy costumes in the exercises to be held on Children's Day, May 27.

A time was set apart for raising funds for foreign missionary work. The question of divorce and the pensioners in Charleston until the approvaed list is received here and fore the Assembly. The Synod of checked up. The cause of the delay in Charleston is not explained.

Alabama and the Presbyteries of Memphis and Norfolk sent in overtures asking for definite Church laws, governing the re-marriage of divorced people.

pense will be too great.

Hester's Cotton Report.

New Orleans, Special.-Secretary Hester's weekly New Orleans cotton exchange statement shows that for the 260 days of the season that have elapsed, the aggregate movement into sight is behind the 260 days of last year 2,008,000 bales and behind the same days year before last 2,075,000, The amount brought into sight during the past week has been 56,780, against \$8,157 for the seven days ending this date is 8,681,498, against 10,689,406 last year. The movement since September 1 shows receipts at all United States ports 6,444,610, against 8,139,685 last year; overland across the Mississippi, Ohio and Potomac rivers to Northern mills and Canada, 1,116,368, against 1,214,268; interior stocks under September 1st, 54,331, against 265,002; Southern mill takings, 1,174,851 gainst 1.070,451.

Presbyterlans at St. Louis,

St. Louis, Mo., special.—The 112th annual session of the Presbyterian General Assembly, the law-making body of that Church, began the day nue Presbyterian church, Nearly 1,000 commissioners and delegates attended The session, owing to important matters pending, probably will occupy a

Brevities.

Three municipal ice plants are projected at New York to meet the raise in price by the Ice Trust, Rev. Dr. Henry Granjohn, of Baltimore, his been appointed by the Pope

Bishop of Tueson, Arizona, After shooting at his wife and miss. ing her. Henry Simmons Bremen, Me, shot his daughter and then killed

Dr. Johannes Trojan, editor of the comic-satrical weekly, Kladderadatsch, arrived at New York last week from

Probably fatal injuries were inflicted upon Jacob Harnell, a nonunion carpenter, at Chicago. Thursday night by strikers.

BILL ARP AND THE GERMS.

He Differs With the Doctors About Bactilli.

BUT IS OPEN TO CONVICTION.

Test Being Made by Doctors to Prove That Mosquitoes Produce Malaria-Other Matters.

"Prove all things and hold fast that which is good." Science is doing that, but it seems to me that the modern doctors attach too much importance to a germ theory. They are trying to cure all sorts of diseases by exterminating germs, microbes, bacteria and other invisible infusoria. Maybe they were not intended to be exterminated but are a part of the economy of nature. There are botts in a horse's stomach and wolves in a cow's back and fleas on a dog for some useful purpose, and it may be that these invisible germs are a necessary part of our organism. We eat them in food and drink fhem in water and breathe them in the air, but still I reckon there are a poisonous, infectious kind that do produce disease and pestilence. I was ruminating about this from hav ing read in a London paper an account of the experiment now being made by the British Medical Society to dis cover the true cause of malaria in the Pontine marshes that for centuries. has proved a slow and certain death to the poor peasantry who work there and have to work there to making a living. These Campagnean marshes lie adjacent to Rome and cover a territory twenty-five miles long and ten miles wide and are wonderfully productive, giving three crops a year, but the malaria soon pales and sickens the strongest men, and they have to stop their work and go to the hills to die. To discover and remove the cause has been the problem of the ages. Three hundred years before Christ these marches were solid land and the Appian way was built upon it. Slowly and surely the water encroached upon the land and submerged it, destroying the Appian way, the aqueducts and arches. Julius Caesar and Augustus Caesar spent immense sums to drain them, but without avail. They were finally given up to the labor of the slaves, and Pliny tells of one man, Cecilius Claudius, who owned 4,116 of them, all males, who worked there and were not allowed to marry. Their cruel fate was to work out a brief life and die. About 125 years ago Pope Pius VI made another effort to drain the marshes but failed, and since then all efforts and all hope has been abandoned.

But now a new theory comes up before the scientific school of medicine and has agitated the medical savants all over the world. It is claimed that a malarial climate does not producemosquitoes but that mosquitoes prolaria that eventually wastes the life away. This theory has found many strong advocates in London and Paris and Berlin, and now they are preparing to prove it. The English government is having a wire gauze house built, and it is to be placed in the middle of the Pontine marshes, and two English physicians have volunteered to live in it for a year or more and test the effect of the climate secure from the mosquito. Just think of that! Living in a wire gauze house right in the midst of the most noxious miasmatic climate in the world, and all for the sake of science and humani-If they prove their theory then they will cease to use quinine for the malaria but build wire houses

wear wire cowls or hoods over their heads and faces and fence out the mosquitoes and turn their next attention to exterminating them. They say it is a big thing, financially, for there are two million acres in those marshes and will be worth if they succeed a thousand dollars an acre, and that makes two thousand million dollars for Rome and the pope.

But still I am dubious. I don't be lieve the mosquito introduces malaria into the human system. His proboscis draws out blood but puts precious little in. The germ theory become a scientific fad and has not yet been proven. The doctors all went mad about Pasteur and his inoculating virus, but that has subsided and we never hear of it now, Folks are too ready to believe any new thing. Appendicitis raised a mighty rumpus for a while and every sick man imagined he had it, and it must be cut off, but the disease is now doubted and the use of the knife almost abandoned. Just so folks take up with new doctrines of politics and religion. Dr. Vance, of Nashville, said not long ago that if a shrewd, smart man with lively tongue was to declare that it was necessary for salvation that a man should jump off the roof of a house onto the pavement he would find followers who would be jumping all over the country breaking their arms and legs and necks on this nev road to heaven. What upon earth these Mormon elders and proselyters expect to accomplish is a mystery to me, and I am amazed that any person with common sense can be fooled by them. They ought to be scourged ed out of this country.

Speaking of germs, a philosophic friend writes that the doctors have | gins do!"

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now located them in the car cuasion and church pews, the seats in the theater, the air in crowded assemblie with consumptive chests have been excluded from the schoolrooms for fear of breathing the germs of diseas into the pupils. He says that every thing is impregnated with bacter save money.

But the last phase of the fight is b tween mosquitoes and miasma in th Pontine marshes-which is cause an which the effect and I'll wager m dollar that those two doctors will di within two years. "The pestilene that walketh in darkness" is not mosquito. They are a nuisance, a affliction, and so are fleas and flies an ants and roaches and many other lit-tle pests which are here for a pur-pose and try our patience. Mosquitoes used to annoy me, but they don't come to my relief. I have quite deaf in one car and so I can turn the good ear down on the pillow and tell the mosquito to blow his little horn and sing his little song if wants to. My skin is so tough he can't bore a hole in it, and so I defy hlm.-Bill Arp in Atlanta Constitution.

Bits of Femininity.

The special point in the new lingerie is its fit.

Lace boleros bid fair to return their wide popularity.

Jeweled and enamel buttons and buckles reign supreme.

The old-fashioned "shot" taffeta is seen in many imported frocks, Gray wool muslin built over white

taffeta is a late, fetching fashion, Sleeves are either finished long to

he knuckles or else reach only to the Belts must be either a very narrow

band or a wide sash girdle to prove The return of the pompadour waist with long points and front is bulled

with delight. Ribbon and silk sashes are found to e a feature of the summer's white

muslin frock. There has come a return of the fany apron of sheer muslin, lace and a bit of a rfbbon.

Most of the skirts of wash dresses ere with tucks which are allowed to fly at the knee.

Unlined lace sleeves will be seen verywhere as soon as it is possible to

ny wraps aside. Light toned cloths, trimmed with white, are going to be in the very fore-

front of smartness. It is the fashion now when buying a handkerchief bodice to purchase hat

and parasol to match. Evening frocks are beautiful with rich embroidery of pearl and birds and flowers in natural colors.

A Nicer Way.

Grace (to little brother)-"Come, Freddie; it is your bedtime. At is nice for little boys to go to bed early,

Freddie (pouting)-"'Tain't so nice as to sit up early, as you and Mr. Wig- the copycutter's desk ana jasked for

SOUTHERN RAILWAY.



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In the Composing Room.

Mr. Smallcaps-That new man on the chird machine is a funny guy, Mr. Dedgalley-Is he?

Mr. Smallcaps-Yes. He's been set ting up the Transvaol war stuff all evening, and just now he went over to more 'Kopie.'-Baltimore American.